U-LINE CORPORATION

Échelon™ Series

Installation Guide

CLR2060 — Clear Ice Maker

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1 Follow Safety Precautions

IMPORTANT

PLEASE READ all instructions completely before attempting to install or operate the unit.

- This unit requires connection to the water supply. Improper hook-up can result in substantial property damage! If you are unsure of your ability to safely connect the water supply to the unit, consult a licensed plumber for assistance.
- This unit requires connection to a drain. Improper connection can result in substantial property damage! If you are unsure of your ability to safely connect the unit to a drain, consult a licensed plumber for assistance.
- This unit requires connection to a grounded (three-prong), polarized receptacle that has been placed by a qualified electrician in accordance with applicable electrical codes.

Safety Alert Definitions

Safety items throughout this guide are labeled with a Danger, Warning or Caution based on the risk type:

⚠ DANGER

Danger means that failure to follow this safety statement will result in severe personal injury or death.

⚠ WARNING

Warning means that failure to follow this safety statement could result in serious personal injury, or death.

⚠ CAUTION

Caution means that failure to follow this safety statement may result in minor or moderate personal injury, property or equipment damage.

General Precautions

Use this appliance for its intended purpose only and follow these general precautions along with those listed throughout this guide:

⚠WARNING

SHOCK HAZARD — Electrical Grounding Required.

- **Keep the unit unplugged throughout installation except during testing.**
- **Never remove the round grounding prong from the plug and never use a two-prong grounding adapter.**
- **Never use an extension cord to connect power to the unit.**
- **Always keep your working area dry.**

⚠CAUTION

- Use care when moving and handling the unit. Use gloves to prevent personal injury from sharp edges.
- Do not lift the unit by the door or door handle.
- Do not install the unit behind closed doors or in any way that would obstruct airflow to the front grille, which may cause the unit to malfunction.

2 Inspect and Plan

You have received a carton containing your CLR2060 Clear Ice Maker with a package inside containing a User Manual, a Product Registration Card and water connection parts. Complete and mail the Product Registration Card or register online at www.U-LineService.com. Once your unit is installed, keep the User Manual and this Installation Guide in a safe place for future reference.

Your unit is Black, White or Stainless Steel. Black and White units have a reversible door with a slightly contoured handle across the top. They come with a flush mounted door panel that, when removed, will accept a custom 1/4-inch thick door panel or a 3/4-inch thick full overlay door panel. Stainless Steel units are covered with a protective coating and have been ordered left- or right-hand hinged. The Stainless doors are not reversible and do not accept custom panels. CLR2060 Clear Ice Makers may be ordered with a factory-installed drain pump. Please carefully follow the directions that apply to your unit and your intended design.

Tools/Materials Required

- 7/64" Allen wrench
- Screwdrivers — slotted and Phillips head
- 1/4-inch OD copper tubing and shut-off valve for water supply line
- 5/8-inch ID drain line
- P60 Drain Pump (if required and not already factory installed, see **Page 12**)
- 1/4-inch thick door panel material and cutting tools (Black or White units)
- Full Overlay Door Panel Kit (part number U-OL2015B — Black or part number U-OL2015W — White), 3/4-inch door panel overlay, cutting tools, drill and bits (Black or White units)

Inspection

Unwrap and inspect the unit on a flat, level surface capable of supporting its entire weight.

3 Prepare Site

Your U-Line product has been designed for either free-standing or built-in installation. When built-in, your unit does not require additional air space for top, sides or rear. However, the front grille must NOT be obstructed and clearance is required for water, drain and electrical connections in the rear.

Note: Unit can NOT be installed behind a closed cabinet door.

Cut-Out Dimensions

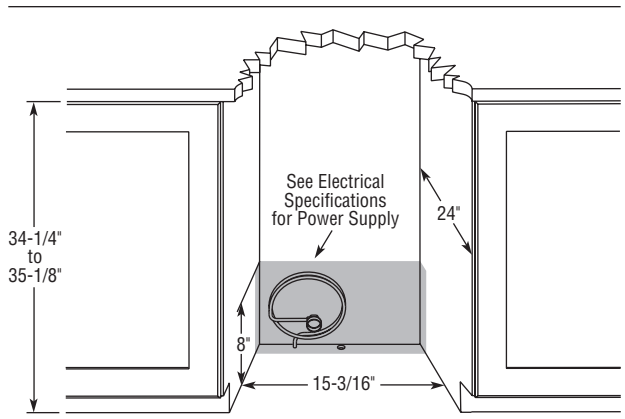

Figure 1

Follow the cut-out drawing in **Figure 1**. The 15-3/16" width allows 1/4" for ease in installation and removal of the unit. The 24" depth is the counter depth in most installations. The unit is 24" deep including the handle on Black and White models and 24" deep including the door and *not* the handle on Stainless Steel models (see **Figure 2**).

IMPORTANT

If you would like to align the face of the unit with other adjacent cabinet doors in certain installations, you may need to alter the wall just behind the drain connection on the unit to accommodate the drain. The actual amount of alteration will be determined by your actual drain connection components.

Product Dimensions

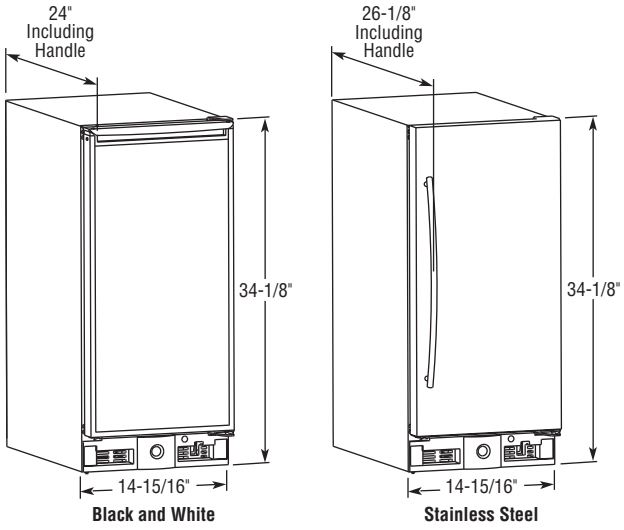

Figure 2

Please note that the unit has adjustable feet that can add one additional inch to height during leveling or to match adjacent cabinets (see **Figure 44** on **Page 17**.)

Door Swing/Clearances Information

Black and White units have a zero clearance for the door to open 90° (see **Figure 3**). Stainless Steel models require a minimum of 2-1/8" door clearance to accommodate the handle if the unit is installed next to a wall or similar type of structure.

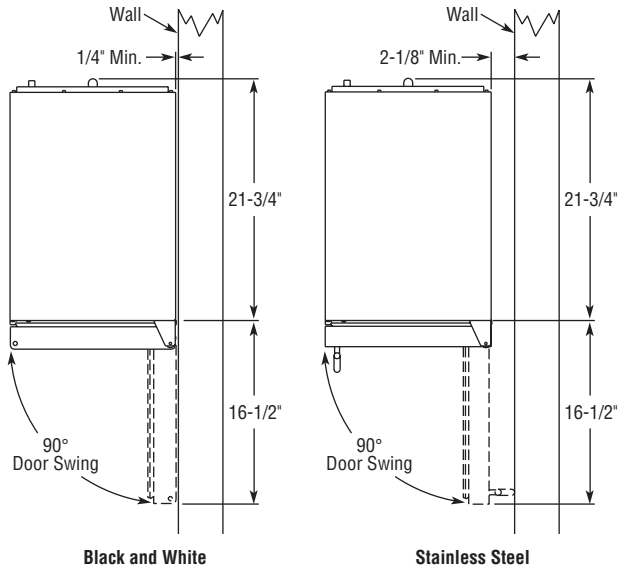

Figure 3

Reversing the Door

(Black and White Units Only)

All U-Line units (except Stainless Steel models) may be left- or right-hand opening. The door opening is easily reversed by moving the hinge hardware to the opposite side. The top hinge hardware will be used on the bottom of the other side and the bottom hinge hardware will be used on the top of the other side (see **Figure 4**).

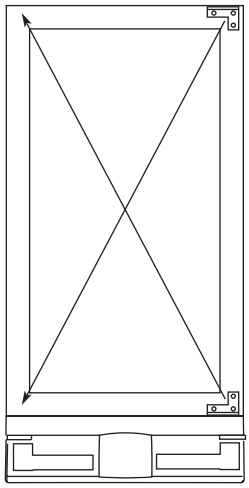

Figure 4

To reverse the door:

1. Remove top hinge screw pin from door (7/64" Allen wrench or Phillips screwdriver, depending on your unit's construction) (see **Figure 5**). Remove door by tilting forward and lifting off bottom hinge pin.
2. Remove plastic screw plugs (3 each, top and bottom) from new hinge location. Do not discard (see **Figure 6**).

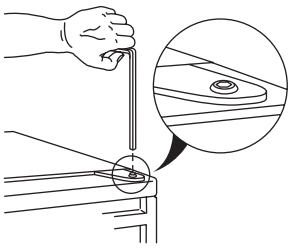

Figure 5

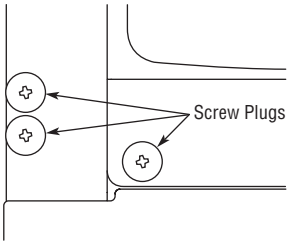

Figure 6

3. Remove top hinge (3 screws), reinstall hinge screw pin, and remount on opposite side BOTTOM (see **Figure 7**).
4. Remove the two door closer inserts from the existing bottom hinge and install as shown on the new bottom hinge (see **Figure 8**).

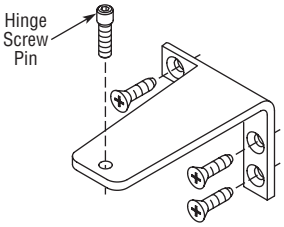

Figure 7

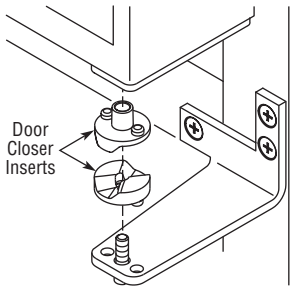

Figure 8

5. Remove existing bottom hinge (3 screws) and remount on opposite side TOP. Remove hinge screw pin.
6. Remove the plastic hole plug from the top of the door to allow the pivot pin to be inserted in the new location. Install the plug into the vacated hole on the opposite side.
7. With bottom of door facing up, remove pivot plate (2 screws), flip over, and remount on opposite side of door (see **Figure 9**). Be sure notch in plate faces center.

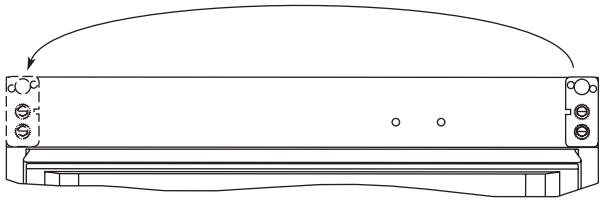

Figure 9

8. Holding door upright with top of door tilted forward, place hole of door pivot plate on bottom hinge screw pin (see **Figure 10**).
9. Tilt top of door into position in top hinge and install top hinge screw pin.
10. Install plastic screw plugs removed in Step 2 in old hinge holes (3 each, top and bottom).

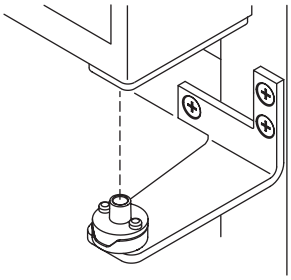

Figure 10

Other Site Requirements

Power Supply

The unit requires a grounded and polarized 115 VAC, 60 Hz, 15A circuit (normal household current). See *Electrical Specifications* on **Page 16**.

Water Supply

The unit requires a 1/4-inch OD water supply line and a shut-off valve. For more information see **Page 15**.

Drain

The unit's generous 7-inch drain connection height extends the distance the unit can be located from a gravity drain. For more information see **Page 12**.

IMPORTANT

Drain can NOT be located directly below unit. Unit has a solid base that will not allow unit to drain below itself.

Environmental Requirements

The surrounding air temperature must be at least 50°F (10°C) but must not exceed 110°F (40°C). High ambient temperature ranges and warmer water supply will cause reduced ice production. Black and White units may be installed outdoors in a covered area. Stainless Steel CLR2060 units are deemed suitable for outdoor use by UL. The unit must not be located near heat-generating equipment or in direct sunlight.

Side-By-Side Installation Instructions

For a complete refreshment center, install your CLR2060 Clear Ice Maker beside a U-line Refrigerator, Combo, or Wine Captain Model (see **Figure 11** for typical cut-out). Note that each Side-By-Side Installation will be different.

- Cut-out width for a side-by-side installation is the total of the widths listed under *Cut-Out Dimensions* in each unit's Installation Guide.

  For example:

  Placing a CLR2060 Clear Ice Maker next to a 2015R Refrigerator would require a cut-out width of:
  15-3/16" + 15-3/16" = 30-3/8"

  Placing a CLR2060 Clear Ice Maker next to a 2075R Refrigerator would require a cut-out width of:
  15-3/16" + 24-3/16" = 39-3/8"

- No trim kit is required. However, 1/4-inch space needs to be maintained between the units to ensure unobstructed door swing.
- Units must operate from separate, properly grounded electrical receptacles placed according to each unit's *Electrical Specifications*.

Typical Side-By-Side Cut-Out

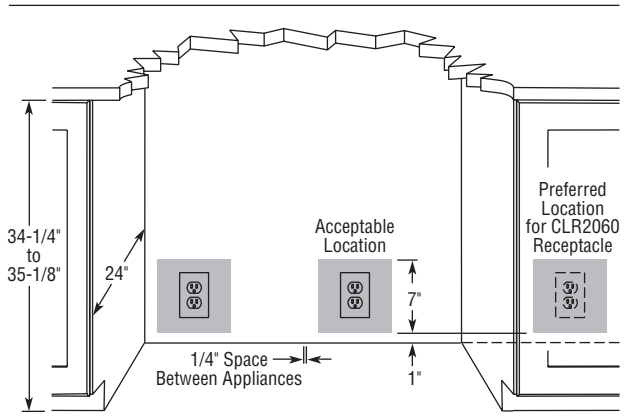

Figure 11

4 Prepare and Install Door Panel

(Black and White Units Only)

Two types of custom door panels can be installed on your Black or White unit to harmonize with or accent the surrounding décor: a Custom 1/4" Insert or a Full Overlay. If no custom door panel is used, go on to **5 Adjust Door**.

Custom 1/4'' Door Panel Insert

Door Panel Preparation

A custom door panel can be inserted into the doorframe. Custom door panels can be flat or raised, as long as the maximum panel thickness where inserted into the door reveal (channel) is 1/4"-thick. For raised panels, the depth of the reveal is 1/4" on all four sides.

IMPORTANT

Raised panels will reduce the door's 90° swing/zero clearance if the unit is installed next to a wall or similar type of structure (see **Page 4**).

Cut the panel insert to the following dimensions.

Custom 1/4" Dimensions:

Width: 14-1/32"
Height: 28-5/32"

The door panel must not weigh more than 20 lbs.

Door Panel Installation

Install the insert as follows:

⚠ CAUTION

Use care when handling the insert. Insert edges may be sharp.

1. Remove top hinge screw pin (7/64" Allen wrench or Phillips screwdriver, depending on your unit's construction, see **Figure 12**). Remove door by tilting forward and lifting off bottom hinge pin.

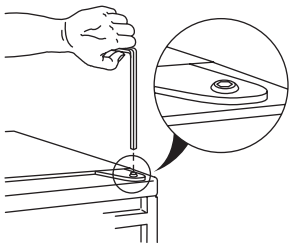

Figure 12

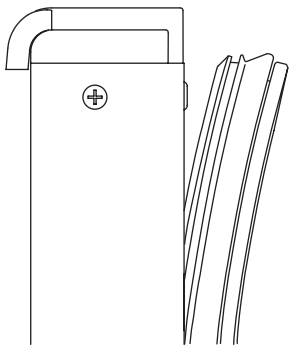

Figure 13

2. Pull door gasket out of groove (top edge of door only). Start in the middle and pull outward, moving toward the edge (see **Figure 13**). This may take some force. Do not remove the three screws behind gasket.
3. Remove two outside screws holding door handle. Slightly separate door handle from door (see **Figure 14**).
4. Pull handle up and off.
5. Remove and discard existing panel.
6. Slide custom door panel insert into 1/4-inch channel in door front.
7. Holding door gasket out of the way, replace handle on door, making sure it is seated properly on insert and that screw holes line up.

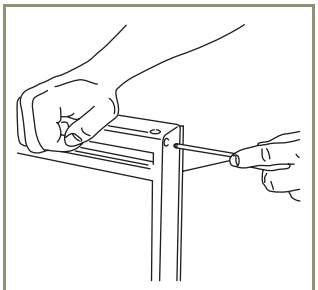

Figure 14

8. Install two small screws removed in Step 3.
9. Starting at the corners and working inward, push door gasket into place on door.
10. Place door on bottom hinge pin and install upper hinge screw. Go on to **5 Adjust Door**.

Full Overlay Door Panel

Door Panel Preparation

A full overlay door panel completely covers the doorframe and handle to give a built-in appearance. See your U-Line dealer for the optional Full Overlay Door Panel Kit (P/N U-OL2015B — Black or P/N U-OL2015W — White). Appropriate hardware, Modified Handle, Replacement Hinges and a copy of these instructions will be included in the kit.

1. Cut the overlay to the following dimensions (see **Figure 15**).

Full Overlay Dimensions:

Width: 14-3/4"

Height: 29-7/8"

The door panel must not weigh more than 20 lbs.

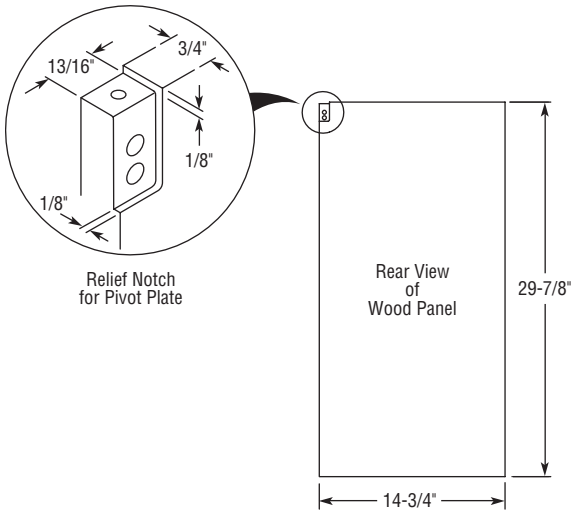

Figure 15

IMPORTANT

Rear View of wood panel for right-hand hinge shown. Use mirror image for left-hand hinges.

2. Create a relief (**Figure 15**) for pivot plate by cutting notch in top corner and coinciding back corner of overlay panel. Refer to **Figure 16** for exact specifications.

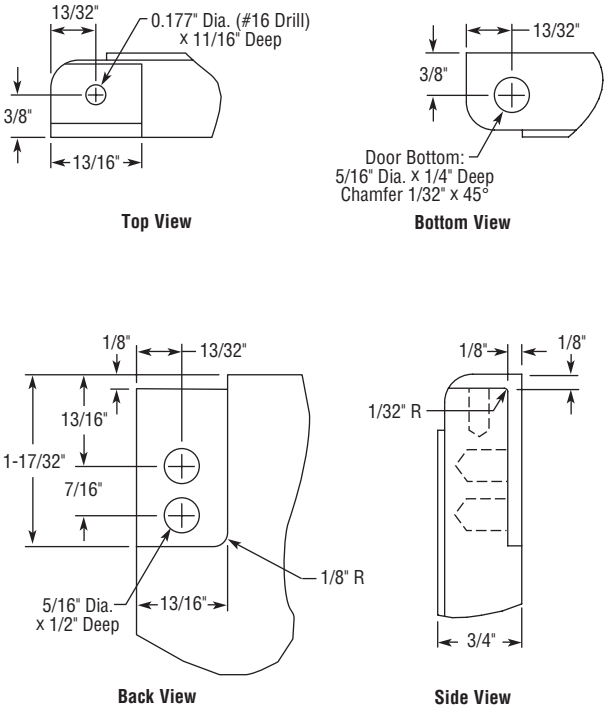

Figure 16

Route notch in top corner of overlay panel as shown (see Top and Side Views). Top of notch is entire depth of panel, front to back.

Width: 13/16"

Depth: 1/8"

Route notch in backside of top corner of overlay panel (see Back and Side Views).

Width: 13/16"

Depth: 1/8"

Height: 1-17/32" from top edge of panel (less 1/8" for depth of notch on top of panel)

Radius of corner notch: 1/8" (see Back View)

3. Drill holes for pivot plate mounts (see **Figure 16**, Back View).

5/16" diameter x 1/2" deep, from the routed surface

⚠CAUTION

Be careful not to drill too deep! Drilling holes too deep may destroy your door panel.

4. Drill hole for upper door hinge (top of panel) (see **Figure 16**, Top View).

   0.177" diameter
   (#16 drill) x 11/16" deep

5. Drill hole for lower door hinge (see **Figure 16**, Bottom View).

   5/16" diameter x 1/4" deep

⚠ CAUTION

It is important to ensure that all drilled holes are drilled to the correct depth in order to avoid splits in the wood when hardware is installed.

Installation Instructions

Removing Existing Door

1. Remove top hinge screw pin (7/64" hex key or Phillips screwdriver, depending on your unit's construction). Remove the door by tilting forward and lifting off the bottom hinge pin.
2. Pull door gasket out of the groove (top edge of door only). Start in the middle and pull outward, moving toward the edge (see **Figure 17**). This may take some force.

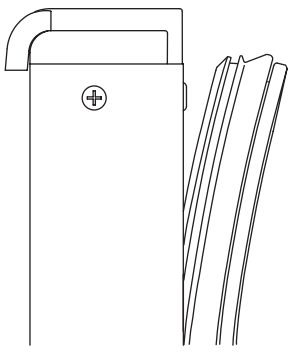

Figure 17

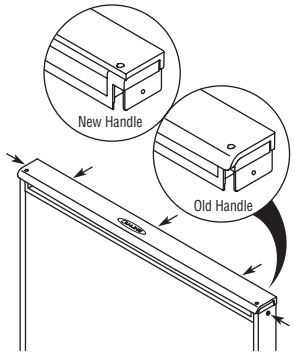

Figure 18

3. Remove the three screws located on the back of the handle (see **Figure 18**).
4. Remove the top handle and discard. (This handle will be replaced with the Modified Handle included in the Full Overlay Door Panel Kit.)
5. Remove the two screws located on both sides of the lower handle. Remove the handle.
6. Attach the Modified Handle to the lower handle using the three screws removed in Step 3. Set aside.
7. Slide the existing door panel out of the doorframe.

Attaching the Full Overlay Panel

1. Tap nylon inserts into the top holes drilled in the overlay panel. Use two #6 screws to attach top pivot bracket to the overlay panel (see **Figure 19**).

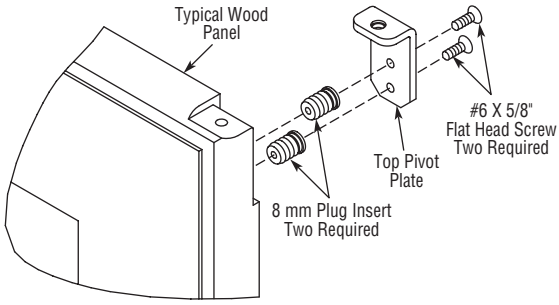

Figure 19

2. If a user-supplied cabinet handle will be used, attach its hardware to the overlay panel at this time.
3. Place and tape the existing door panel on the back of the overlay panel (see **Figure 20**) and drill holes through both panels according to **Figure 21**. Remove tape adjoining the panels and enlarge the six holes in the overlay panel using a 0.201" (#7) drill.

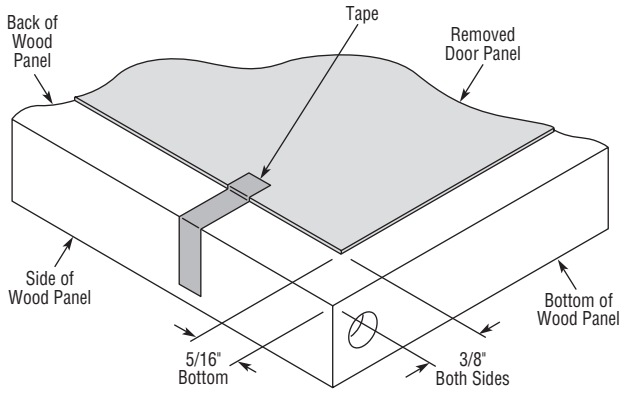

Figure 20

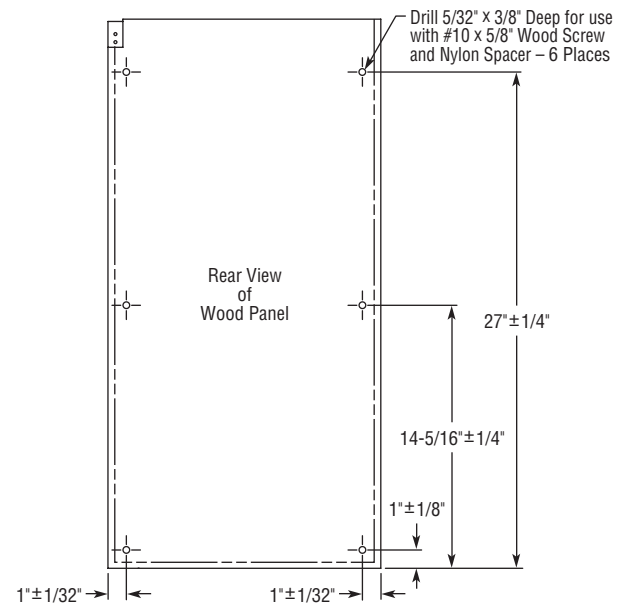

Figure 21

4. Attach the door panel to the overlay panel using #10 x 5/8" wood screws and nylon spacers. The nylon spacers fit between the overlay panel and the door panel as shown in **Figure 22**. The spacers allow the original door panel to slide back into the 1/4"-thick door reveal (channel).

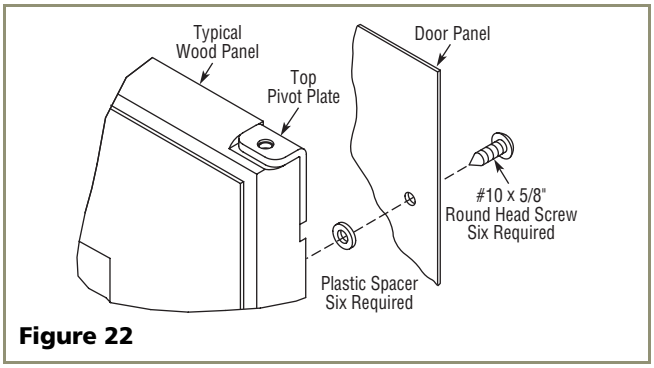

Figure 22

5. Remove the existing bottom pivot plate and replace with the Full Overlay pivot plate (see **Figure 23**).

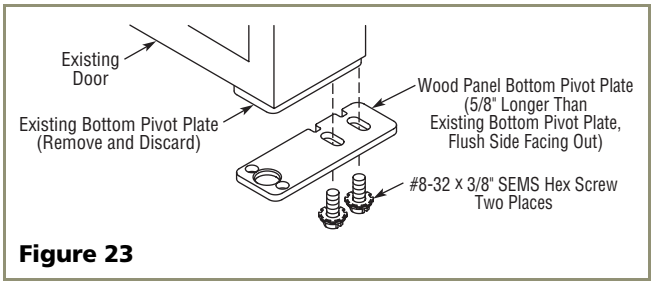

Figure 23

IMPORTANT

Door panel and overlay panel must be aligned properly or the door will not operate correctly.

Assembling the Door

1. Install the assembled panel by sliding the original door panel back into the doorframe.
2. Replace the two-piece Modified Handle assembly and secure with the two screws removed in Step 5 under *Removing Existing Door*.
3. Starting at the corners and working toward the center, push the door gasket back into place.

Installing the Door

1. Remove the existing hinges from the unit, saving the door closure assembly.
2. Install the new Replacement Top Hinge onto the unit (see **Figure 24**).